Information Technology Program
Catalog 2016/2017 – 120 Hours

Mathematics – 10 hours
- STA 2023 (3 hrs) Intro to Statistics
- MAC 1147 (4 hrs) PreCalc Alg/Trig
- MAD 2104 (3 hrs) Discrete Math

Science – 6 hours
- PHY 2020 (3 hrs) Conceptual Physics
- FKL Natural Sciences Elective (3 hrs)

Science – 6 hours
- EGN 3000/3000L (1 hr) Foundations of Engineering
- CGS 1540 (3 hrs) Intro to Databases
- COP 2512 (3 hrs) Programming Fundamentals for IT

Breadth courses – 9 hours
- PSY 2012 (3 hrs) Intro to Psych Sci (FKL Soc/Beh)
- ECO 2013 (3 hrs) Macroeconomics (FKL Soc/Beh)
- INR 3033 (3 hrs) International Issues

General Education requirements
- FKL Humanities – 6 hrs
- FKL Fine Arts – 3 hrs
- FKL Human Cultural Diversity and GC – 3 hrs
- Foreign Lang – 8 hrs (or 2 years high school)

Exit requirements
- CIS 4253 IT Ethics (3 hrs) – Prereq is Junior or Senior standing and IT majors only
- ENC 3246 Communications for Engineers (3 hrs)

Industry internship
An industry internship is recommended for the third summer. Credit can be earned as CIS 4930 IT Practicum. See the Department Advisor for more information.

Notes
1) MAC 1147 may require MAC 1105 College Algebra as a prereq. Consult with the Department advisor.
2) ETL 4931 in catalog semester 6 is covered with an IT Approved Elective.
3) Approved General Electives come from a Department list and include both Departmental and non-Departmental courses.

For admission completion of CGS 1540, COP 2512, MAD 2104, and COP 2513 with a minimum GPA of 2.0 (all grades “C” or better, “C-” is not acceptable).

NOTE: This flow chart is provided as a guide; the catalog is the only definitive source of requirements.

English – 6 Hours
- ENC 1101 (3 hrs) Composition I
- ENC 1102 (3 hrs) Composition II

Science – 6 hours
- CGS 3303 (3 hrs) IT Concepts
- CDA 3101 (3 hrs) Computer Org for IT

Exit requirements
- CIS 4253 IT Ethics (3 hrs) – Prereq is Junior or Senior standing and IT majors only
- ENC 3246 Communications for Engineers (3 hrs)

Industry internship
An industry internship is recommended for the third summer. Credit can be earned as CIS 4930 IT Practicum. See the Department Advisor for more information.

Notes
1) MAC 1147 may require MAC 1105 College Algebra as a prereq. Consult with the Department advisor.
2) ETL 4931 in catalog semester 6 is covered with an IT Approved Elective.
3) Approved General Electives come from a Department list and include both Departmental and non-Departmental courses.

General Electives (6 hrs)

Senior standing and IT majors only

Departmental IT Approved Electives (21 hrs)

For admission completion of CGS 1540, COP 2512, MAD 2104, and COP 2513 with a minimum GPA of 2.0 (all grades “C” or better, “C-” is not acceptable).

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